



UNITED STATES PATENT AND TRADEMARK OFFICE

MN

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/691,889	10/23/2003	Charles W. Stabb	MFCP.109833	8998

45809 7590 06/26/2007

SHOOK, HARDY & BACON L.L.P.
(c/o MICROSOFT CORPORATION)
INTELLECTUAL PROPERTY DEPARTMENT
2555 GRAND BOULEVARD
KANSAS CITY, MO 64108-2613

EXAMINER

SHIH, HAOSHIAN

ART UNIT	PAPER NUMBER
----------	--------------

2173

MAIL DATE	DELIVERY MODE
-----------	---------------

06/26/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/691,889	STABB ET AL.	
	Examiner	Art Unit	
	Haoshian Shih	2173	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 May 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-31 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1- 31 are pending in this application and have been examined in response to application's Request for Continued Examination (RCE) filed on 05/25/2007.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. **Claims 1-31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Petropoulos et al. (Petropoulos, US 2003/0146939 A1) in view of Martinez et al. (Martinez, US 2004/0205633 A1).**

4. As to **independent** claim 1, Petropoulos discloses a graphical user interface embodied on one or more computer-readable media and executable on a computer, said graphical user interface comprising:

a screen area for receiving user inputs and displaying at least one item associated with a set of data (fig.1 "59"; [0023], lines 5-15, "defined area"); and

a preview display rendered within the screen area in response to receiving a user input representing a selection to preview the set of data associated with the

Art Unit: 2173

displayed item ([0023], lines 17-19, "preview window"), wherein at least a portion of the set of data associated with the displayed item is utilized to generate the preview display and wherein the preview display includes actual content from said displayed item which would be displayed in response to a user input representing a selection to view the set of data associated with the displayed item ([0025]);

Petropoulos does not specifically disclose a preview utility configured to provide preview displays for items stored in accordance with a plurality of file formats, wherein said preview utility identifies a file format associated with said set of data utilizes said file format to choose a content selection algorithm that selects said actual content displayed by said preview display.

In the same field of endeavor, Martinez discloses a preview utility configured to provide preview displays for items stored in accordance with a plurality of file formats, wherein said preview utility identifies a file format associated with said set of data utilizes said file format to choose a content selection algorithm that selects said actual content displayed by said preview display (fig.4, "450"; [0029]).

It would have been obvious to one of ordinary skill in the art, having the teaching of Petropoulos and Martinez before him at the time the invention was made, to modify the preview display interface taught by Petropoulos to include a file format sensitive preview display interface taught by Martinez with the motivation being to ease the

cognitive burden on users by adding visual element to aid their search information (Martinez, [0021]).

5. As to **independent** claim 19, Petropoulos discloses a computerized method presented on a graphical user interface, said method comprising:

receiving a user input representing a selection to preview a set of data (fig.1 "59"; [0023], lines 5-9);

utilizing at least a portion of the set of data to generate a preview display in for navigating content response to said user input ([0023], lines 17-19, "preview window"), wherein said preview display includes actual content from said set of data which would be displayed in response to a user input representing a selection to view the set of data ([0025]), wherein said actual content is selected by utilization of a content selection algorithm that determines which content from said set of data will be useful to a user in making one or more navigational choices ([0033]; user-programmable preview information and "configuration file" for setting the variable parameters); and

rendering said preview display upon a screen area ([0010], "preview window").

Petropoulos does not specifically disclose identifying a file format that associated with said set of data; and utilizing said file format to choose a content selection algorithm, where said content selection algorithm is associated with said file format;

In the same field of endeavor, Martinez discloses identifying a file format that associated with said set of data ([0029]; "determines the file type of the selected file"); and

utilizing said file format to choose a content selection algorithm, where said content selection algorithm is associated with said file format (fig.4, "450", "455", "460" and "465"; a preview is generated based on the file format);

It would have been obvious to one of ordinary skill in the art, having the teaching of Petropoulos and Martinez before him at the time the invention was made, to modify the preview display interface taught by Petropoulos to include a file format sensitive preview display interface taught by Martinez with the motivation being to ease the cognitive burden on users by adding visual element to aid their search information (Martinez, [0021]).

6. As to **independent** claim 27, Petropoulos discloses A navigation control for navigating content presented in a graphical user interface ([0010], lines 9-14) said navigation control comprising:

a user input component for obtaining a user selection to preview a set of data (fig.1 "59"; [0023], lines 5-9);

a data utilization component for accessing the set of data ([0010], lines 1-4);

a preview generation component for generating a preview image associated with said set of data and which includes actual content from said set of data ([0023], lines

Art Unit: 2173

17-19, "preview window"; [0025], "actual content"), wherein said actual content is selected by utilization of said content selection algorithm that determines which content from said set of data will be useful to a user in making one or more navigational choices ([0033]; user-programmable preview information and "configuration file" for setting the variable parameters); and

an output component for generating instructions for rendering said preview image on a screen area ([0010], "preview window").

Petropoulos does not specifically disclose a preview utility configured to provide preview displays for items stored in accordance with a plurality of file formats, wherein said preview utility identifies a file format associated with said set of data and utilizes said file format to choose a content selection algorithm.

In the same field of endeavor, Martinez discloses a preview utility configured to provide preview displays for items stored in accordance with a plurality of file formats, wherein said preview utility identifies a file format associated with said set of data and utilizes said file format to choose a content selection algorithm (fig.4, "450"; [0029]).

It would have been obvious to one of ordinary skill in the art, having the teaching of Petropoulos and Martinez before him at the time the invention was made, to modify the preview display interface taught by Petropoulos to include a file format sensitive preview display interface taught by Martinez with the motivation being to ease the

Art Unit: 2173

cognitive burden on users by adding visual element to aid their search information

(Martinez, [0021]).

7. As to **Independent** claim 31, see rationale addressed in the rejection of claim 27 above.

8. As to claim 2, Petropoulos discloses the screen area utilizes graphical indicia to display said displayed item ([0020], lines 9-11, "hyperlink").

9. As to claim 3, Petropoulos discloses the graphical indicia is an icon, a link, or a bookmark ([0020], lines 9-11, "hyperlink").

10. As to claims 4 and 20, Petropoulos discloses the set of data associated with the displayed item is a computer file ([0010]).

11. As to claim 5, Petropoulos discloses the set of data associated with the displayed item is located on a remote computer (fig.6; [0010], "database query or internet or intranet search").

Art Unit: 2173

12. As to claim 6, Petropoulos discloses the set of data associated with the displayed item is accessible over a network, over an intranet, or over the Internet (fig.6; [0010], "database query or internet or intranet search").

13. As to claim 7, Petropoulos discloses the set of data associated with the displayed item is a document file ([0010], "document associated with an item in the search results list").

14. As to claim 8, Petropoulos discloses the set of data associated with the displayed item is a word processing document, a presentation document, a spreadsheet document, a database or an email ([0073], "documents" and "web pages").

15. As to claim 9, Petropoulos discloses the set of data associated with the displayed item is a webpage ([0073], "web pages").

16. As to claim 10, Petropoulos discloses the user input is communicated via a mouse, a keyboard, and/or a screen with user input capacity ([0021], "mouse pointer").

17. As to claim 11, Petropoulos discloses the user input is communicated via a mouse operable coupled with a pointer viewable on said screen area, and wherein said user input is communicated by hovering said pointer over the displayed item for a predetermined period of time ([0042], lines 3-5; "mouse-over").

18. As to claim 12, Petropoulos discloses the preview display is viewable in a display pane, which is rendered in response to receiving said user input ([0023], lines 15-19; the "mouse-over" user input renders a preview window).

19. As to claim 13, Petropoulos discloses the preview display is rendered in a display pane which displays primarily said preview display ([0045], lines 1-5).

20. As to claims 14, 21 and 28, Petropoulos discloses the data utilized to generate said preview display is capable of being utilized by an application to open the set of data being previewed ([0042], lines 27-29; a referenced page is opened when a link in the preview window is clicked on).

21. As to claim 15, Petropoulos discloses the data utilized to generate said preview display is capable of being utilized by an application to provide a user interface for interacting with the set of data being previewed ([0042], lines 23-26).

22. As to claim 16, Petropoulos discloses the preview display includes at least a portion of a document associated with the set of data being previewed ([0025], "actual content").

Art Unit: 2173

23. As to claim 17, Petropoulos discloses the preview display is capable of receiving a user input, and wherein said user input received in the preview display represents a selection to open a computer file associated with the set of data being previewed ([0045], lines 27-29; a referenced page is opened when a link in the preview window is clicked on).

24. As to claim 18, Petropoulos discloses the preview display is capable of receiving a user input, and wherein said user input received in the preview display represents a selection to alter the display presented in said preview display ([0045], lines 24-36; "controllable functional attributes").

25. As to claims 22 and 29, Petropoulos discloses generating said preview display includes determining which portion of said set of data being previewed to present in the preview display ([0033]; user-programmable preview information and "configuration file" for setting the variable parameters).

26. As to claim 23, Petropoulos discloses the rendering of said preview display creates a separate display pane upon said screen area ([0045], lines 1-5).

27. As to claim 24, Petropoulos discloses receiving a user selection to perform an operation with respect to said set of data ([0042], user "mouse-over" a selection to perform an operation to display a preview window).

28. As to claim 25, Petropoulos discloses performing said operation with respect to said set of data ([0042], user "mouse-over" a selection to perform an operation to display a preview window).

29. As to claim 26, Petropoulos discloses hiding said preview display in response to receiving a user input subsequent to the user input representing a selection to preview the set of data ([0042], lines 14-16; the duration of the preview window's visibility can be dynamically controlled via a user input).

30. As to claim 30, Petropoulos discloses the preview image includes at least a portion of the display, which would result in response to a user input representing a selection to view the set of data ([0025], "actual content").

RESPOND TO ARGUMENT

31. Applicant's arguments with respect to claims 1-31 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Art Unit: 2173

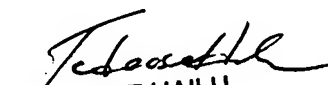
The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. 1.111(c) to consider these references fully when responding to this action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Haoshian Shih whose telephone number is (571) 270-1257. The examiner can normally be reached on m-f 0730-1700.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached on (571) 272-4048. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

HSS


TADESSE HAILU
PRIMARY EXAMINER